Figure 1

Group Fixed-point Multiply

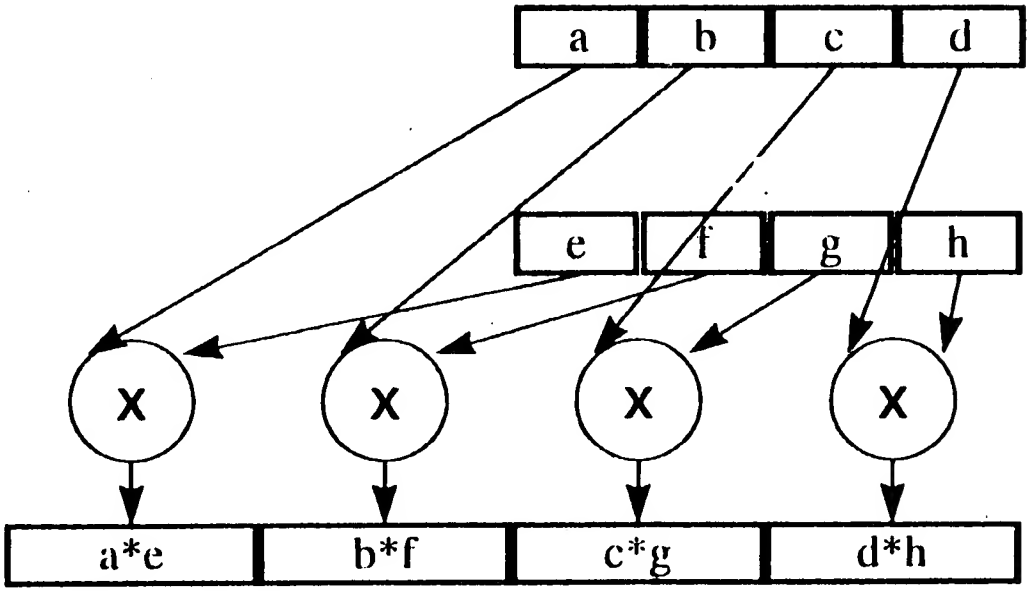


Figure 2

Group Fixed-point Multiply and Add

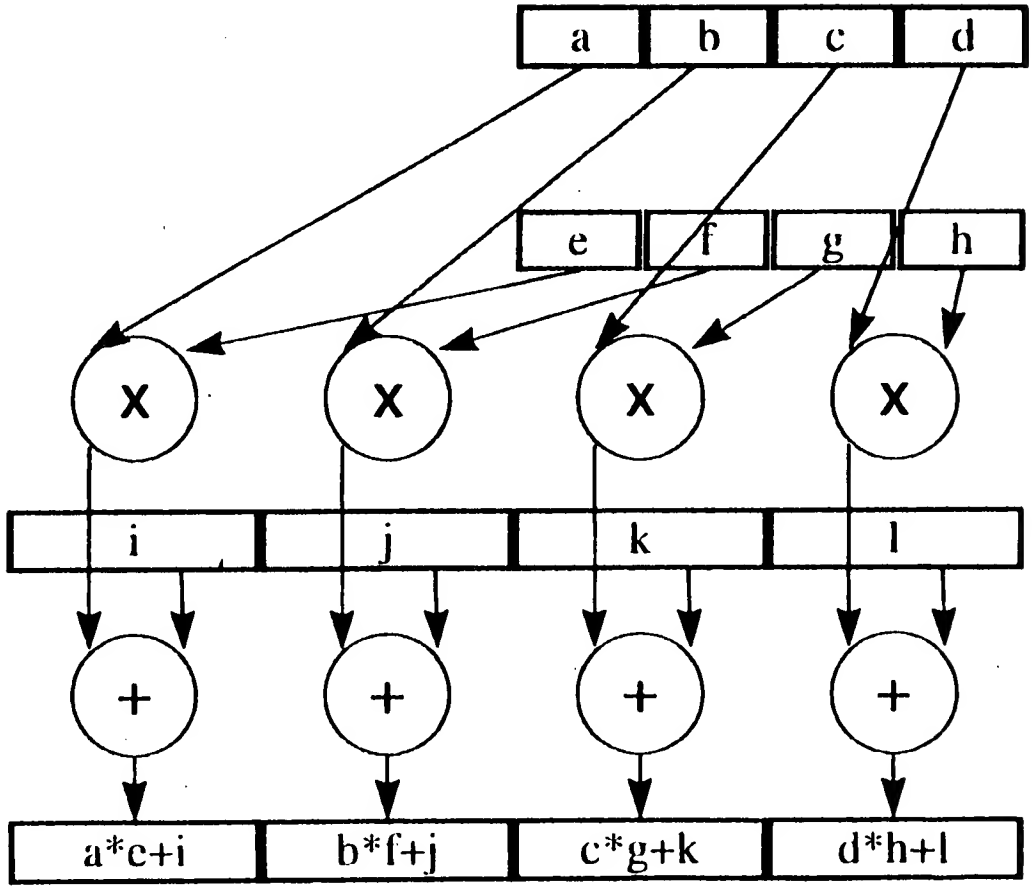


Figure 3

Group Floating-point Multiply

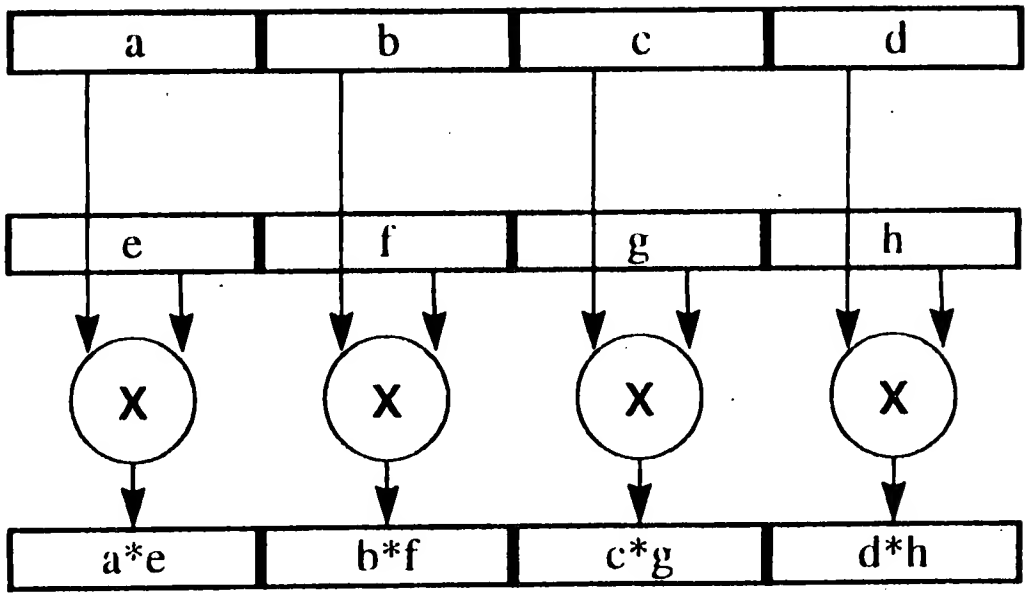


Figure 4

Group Floating-point Multiply and Add

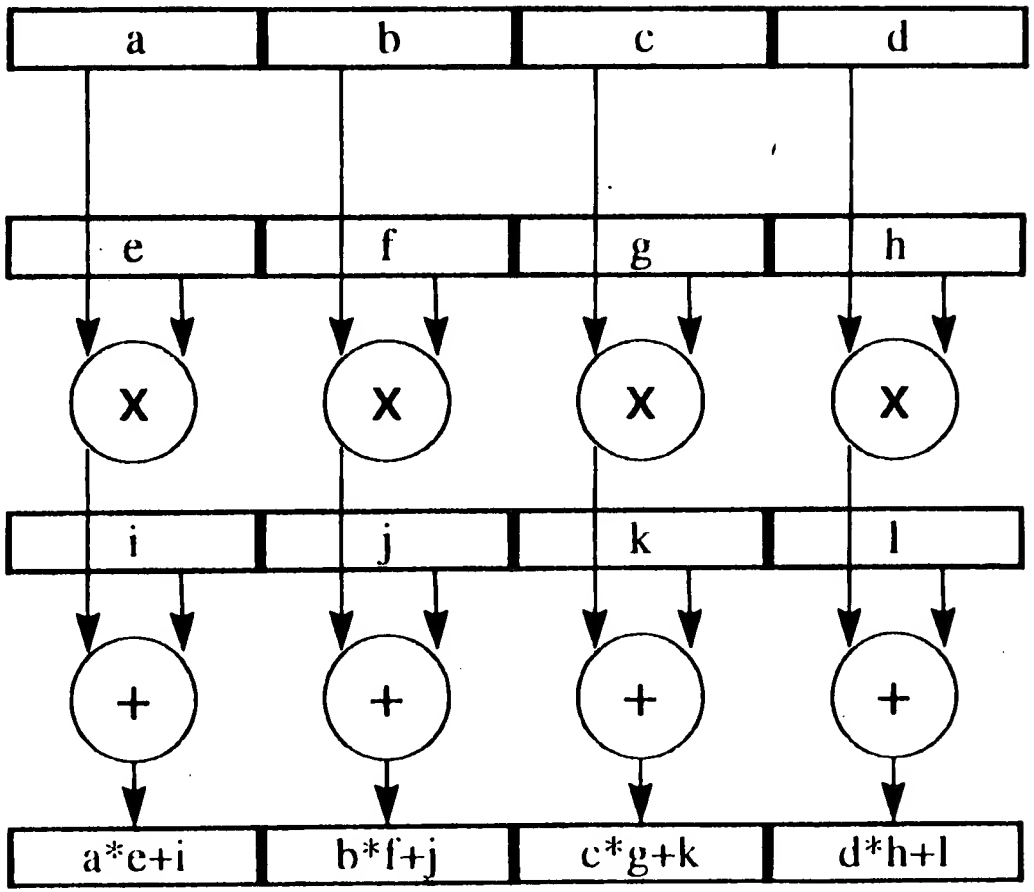


Figure 5 A

Group Fixed-point Multiply and Sum

- Group Multiply and Sum: 64/128 bits := 128*128 bits
  - symbol sizes of 1, 2, 4, 8, 16, 32, 64 bits

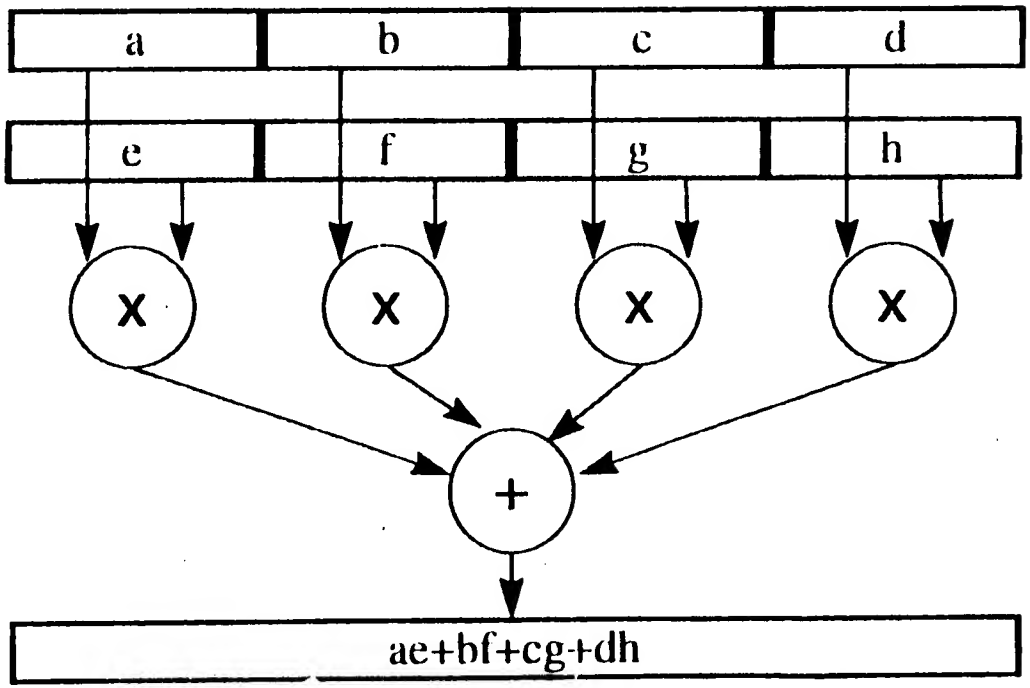


Figure 5 B

Group Fixed-point Multiply and Sum

- Group Multiply and Sum: 64/128 bits := 128*128 bits
  - symbol sizes of 1, 2, 4, 8, 16, 32, 64 bits

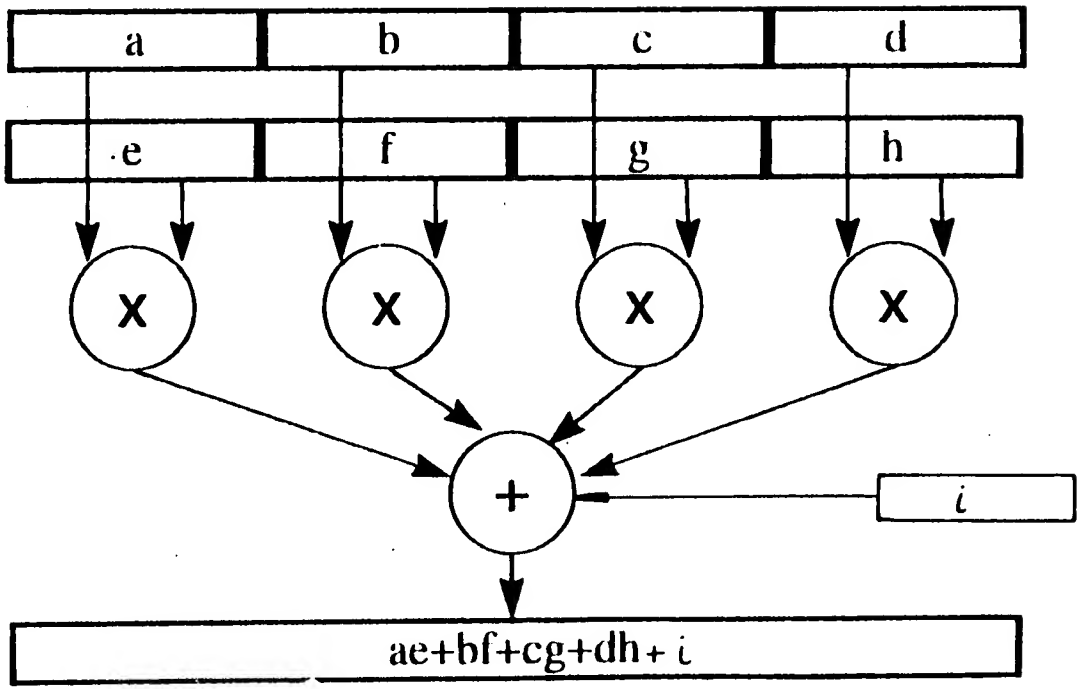


Figure 6

Group Floating-point Multiply and Sum

- Group Multiply and Sum: 64/128 bits := 128*128 bits
  - symbol sizes of 16, 32, 64 bits

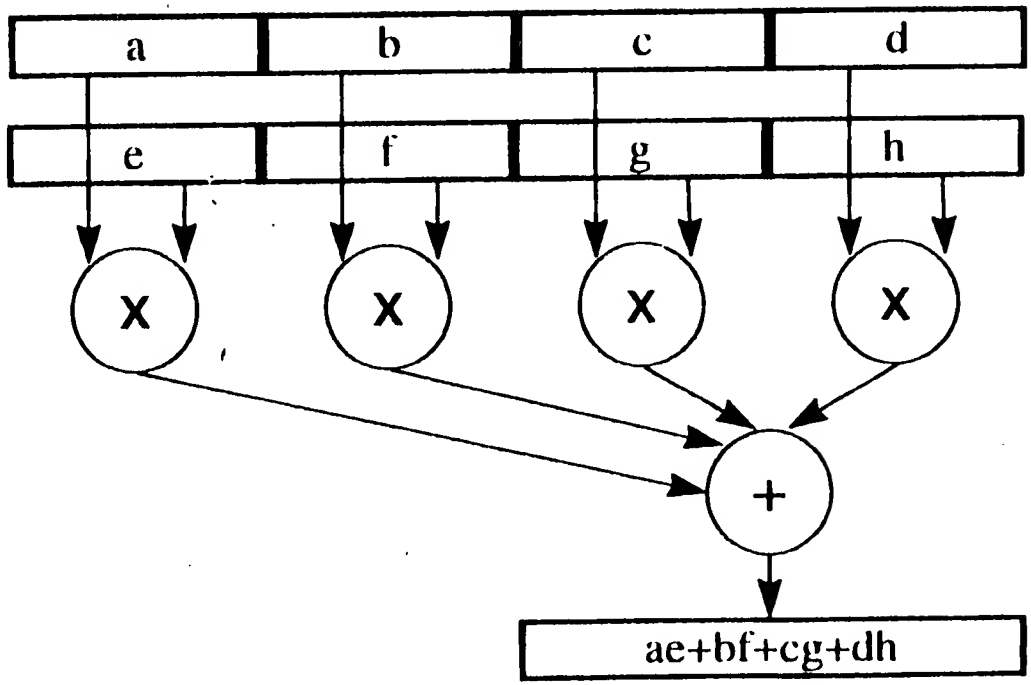


Figure 7

Group Convolve

- Group Convolve: 128 bits := 64 * 64 bits
  - symbol sizes of 1, 2, 4, 8, 16, 32 bits

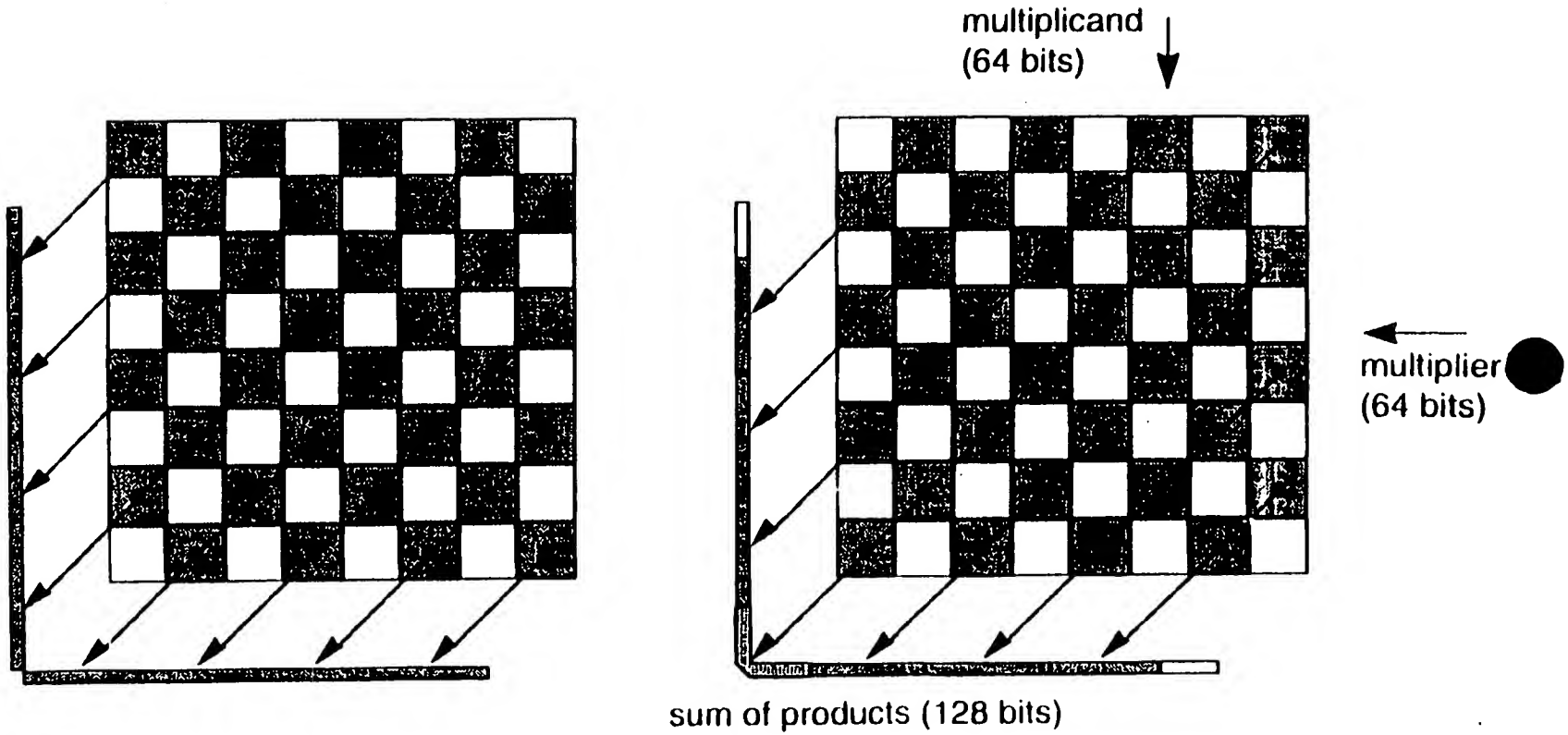


Figure 8

Group Fixed-point Convolve

- Group Convolve: 128 bits := 128 * 64 bits
  - sizes of 1, 2, 4, 8, 16, 32 bits
  - signed and unsigned

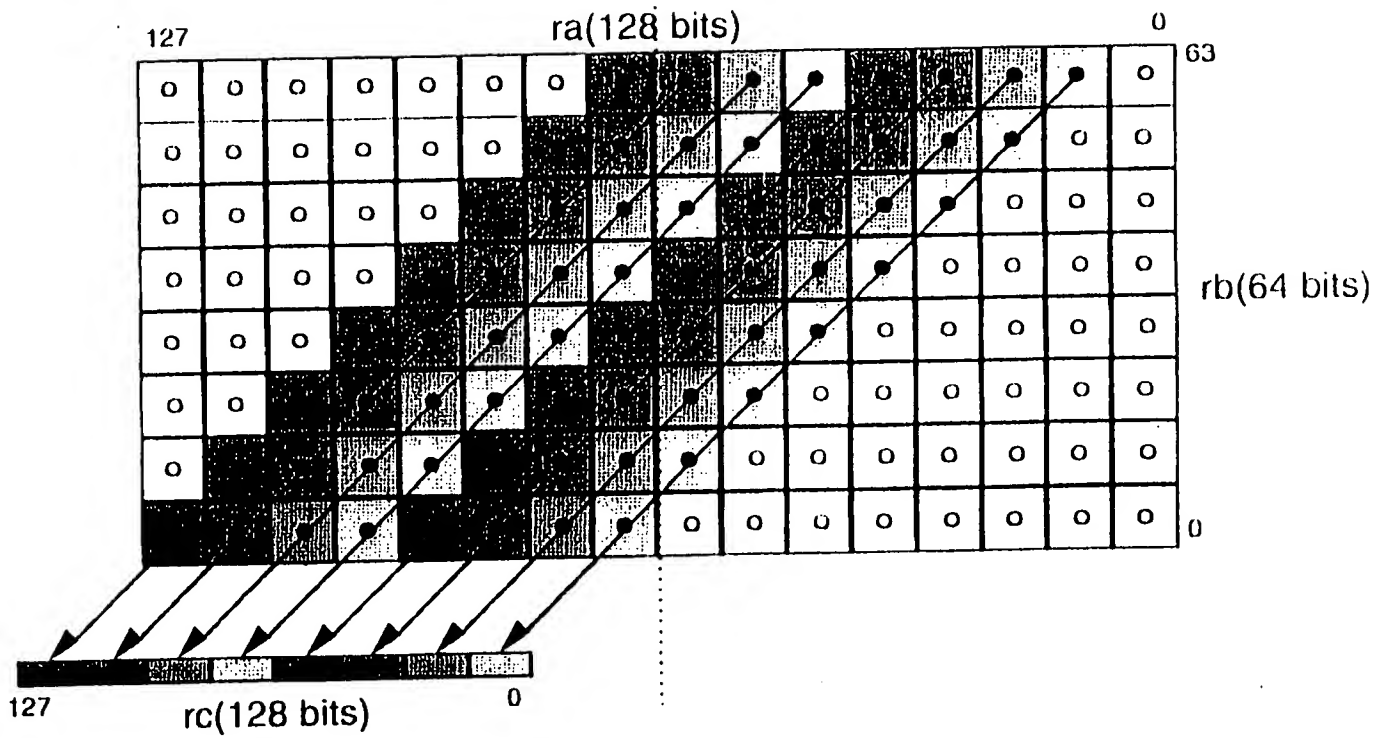


Figure 9

Group fixed-point convolve

- Group Convolve: 128 bits := 128 * 64 bits
  - symbol size of 16 bits shown

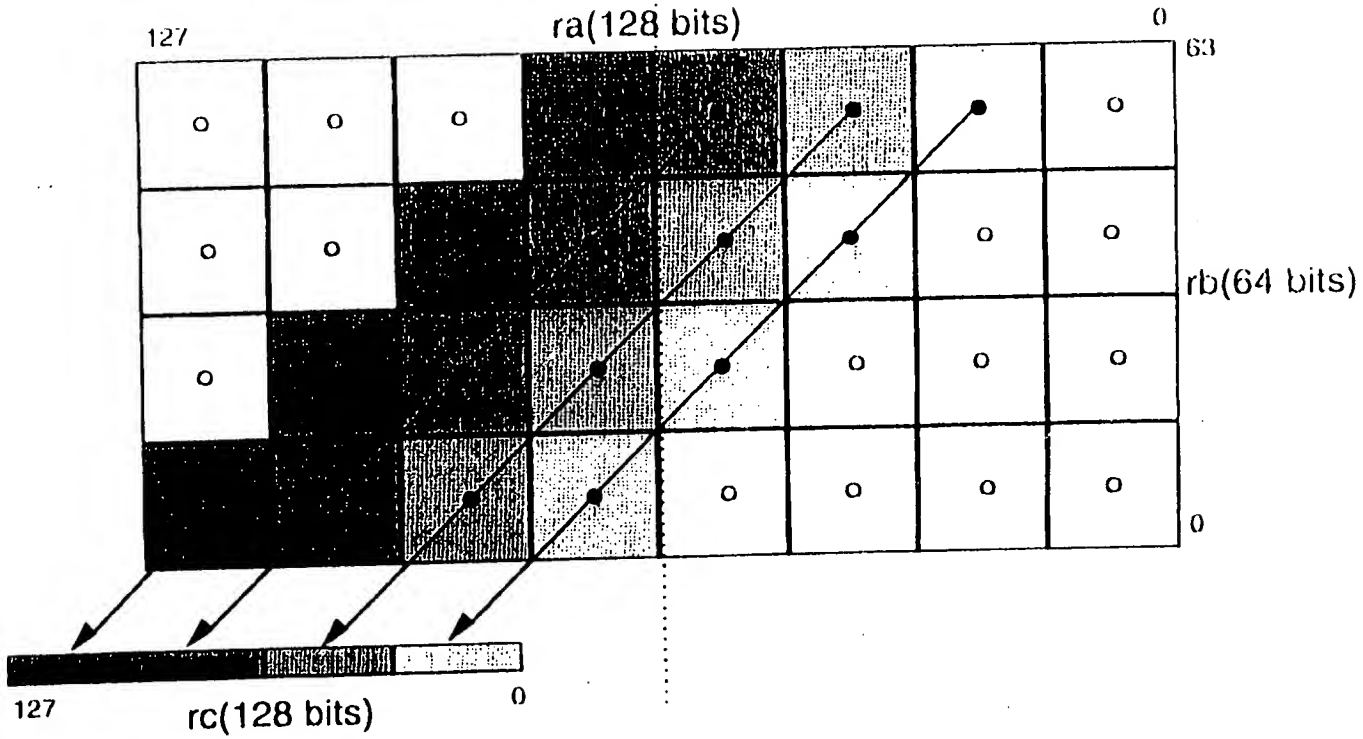


Figure 10

Group Floating-point convolve

- Group Convolve: 64 bits := 128 * 64 bits
  - sizes of 16, 32 bits

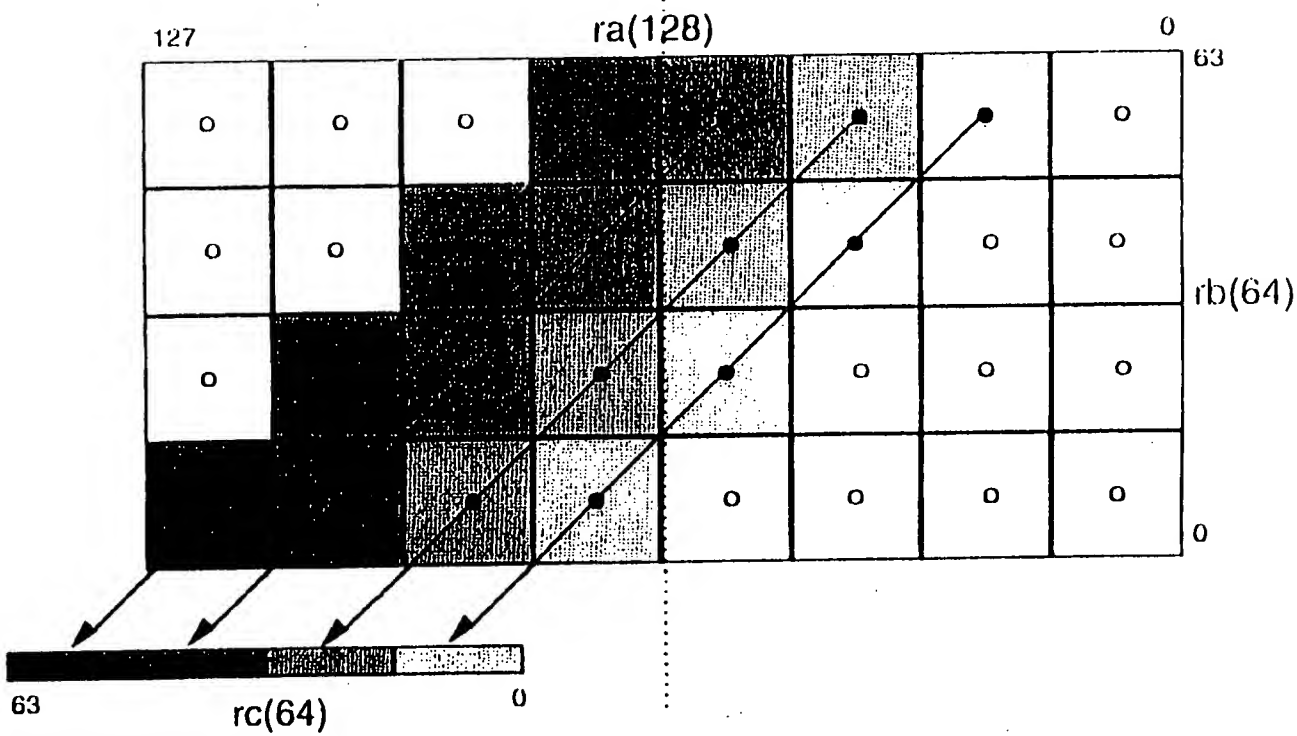


Figure 11

Group Integer Multiply

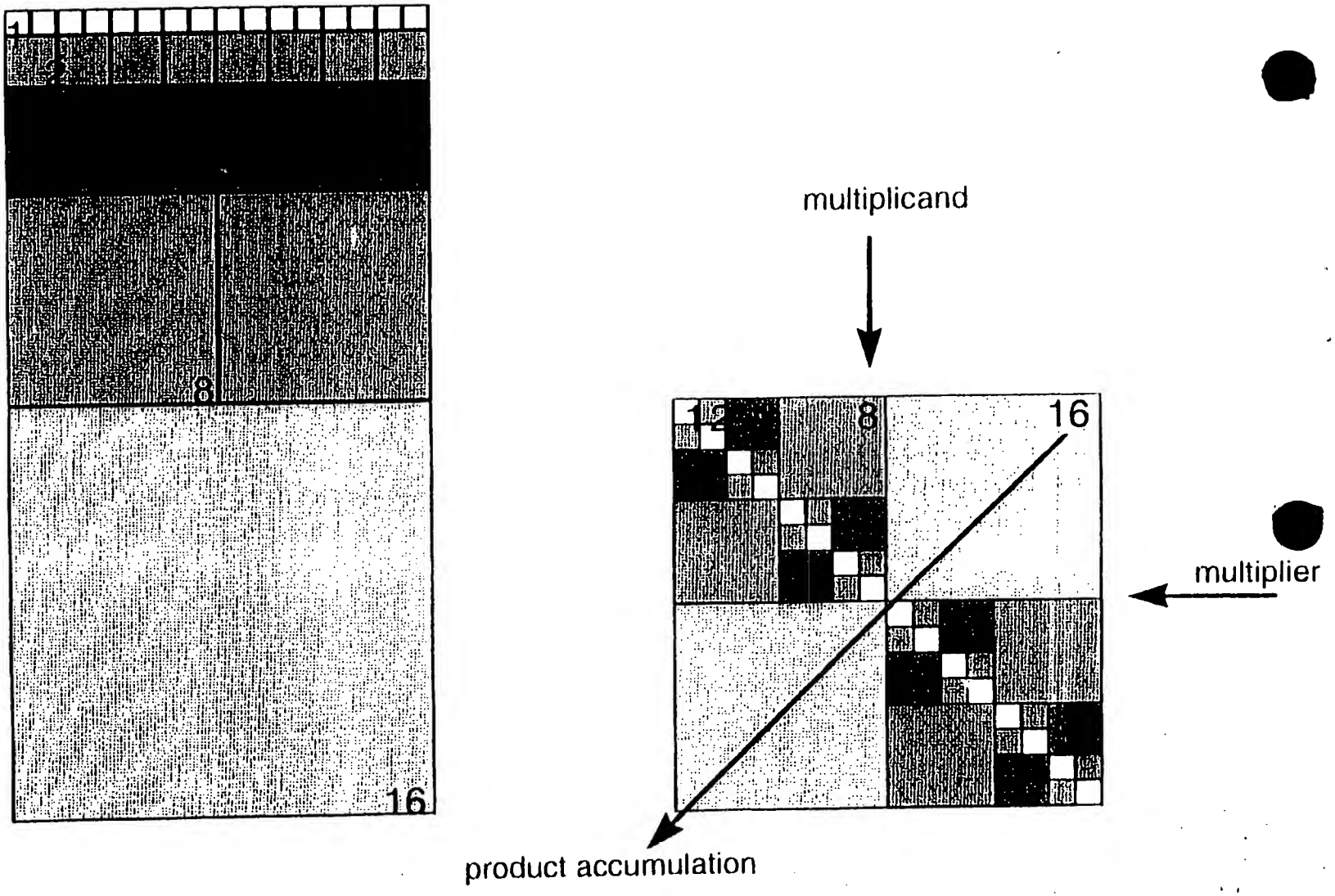
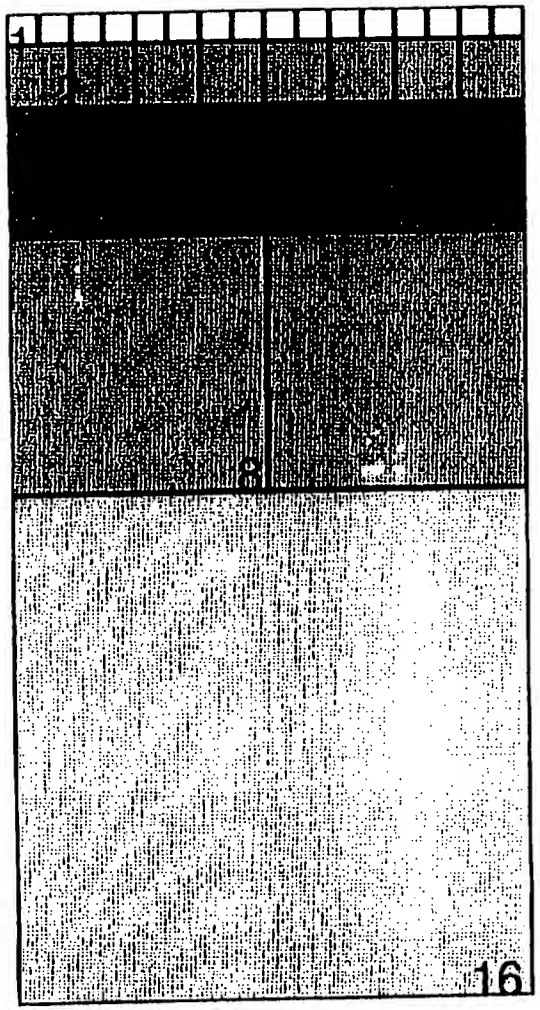
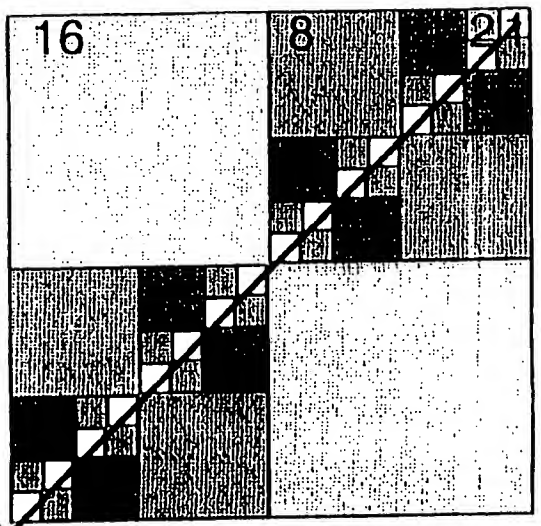


Figure 12

Group Multiply-and-sum





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